

Silver Scan-Tool Version 6.24.36.29970 Copyright by RA Consulting GmbH
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Measurement file: C:\RA Consulting\Silver Scan-Tool\user\SEMA_2015_EcoBoost_M.dra

Interface: VSI-2534
Driver Version: 2.8.0.0

Vehicle

Derive 2011 Ford F-250
SEMA Garage _
Rene Acosta _
Derive 2011 Ford F250_
Mileage 78823_
OBD Report (Post FTP 2)

Acquisition worker:
Location:
Department:

ECU

33 Scan-Tool
Protocol: ISO 15765-4 (CAN)

List of supported Modes and PIDs

Mode	PID	Module	Comment
Mode 1	*****	*****	Current powertrain diagnostic data
1	00	E8 E9	PIDs supported 01-1F
1	01	E8 E9	Monitor status since DTCs cleared
1	04	E8 E9	Calculated load value
1	05	E9	Engine coolant temperature
1	0C	E8 E9	Engine RPM
1	0D	E8 E9	Vehicle speed sensor
1	0F	E9	Intake air temperature
1	13	E8	Location of oxygen sensors
1	1C	E8 E9	OBD requirements to which vehicle or engine is certified
1	1F	E8 E9	Time since engine start
1	20	E8 E9	PIDs supported 21-3F
1	21	E8 E9	Distance traveled while MIL is activated
1	24	E8	Equivalence ratio, Oxygen sensor voltage
1	2F	E8	Fuel level input
1	30	E8 E9	Number of warm-ups since DTCs cleared
1	31	E8 E9	Distance traveled since DTCs cleared
1	33	E8 E9	Barometric pressure
1	40	E8 E9	PIDs supported 41-5F
1	41	E8	Monitor status this driving cycle
1	42	E8 E9	Control module voltage
1	46	E8	Ambient air temperature
1	49	E8 E9	Accelerator pedal position D
1	4A	E8	Accelerator pedal position E
1	4F	E8	External Test Equipment Configuration Information #1

1	51	E8	Type of fuel currently being utilized by the internal combustion engine
1	5C	E8	Engine oil temperature
1	5D	E8	Fuel injection timing
1	5E	E8	Engine fuel rate
1	60	E8	PIDs supported 61-7F
1	61	E8	Driver's demand engine - percent torque
1	62	E8	Actual engine - percent torque
1	63	E8	Engine reference torque
1	64	E8	Engine percent torque at idle point 1, Engine percent torque at point 2, Engine percent torque at point 3, Engine percent torque at point 4, Engine percent torque at point 5
1	65	E8	Auxiliary Inputs/Outputs Status
1	66	E8	Mass Air Flow Sensor A, Mass Air Flow Sensor B
1	67	E8	Engine Coolant Temperature 1, Engine Coolant Temperature 2
1	68	E8	Intake Air Temperature Bank 1 Sensor 1, Intake Air Temperature Bank 1 Sensor 2, Intake Air Temperature Bank 1 Sensor 3, Intake Air Temperature Bank 2 Sensor 1, Intake Air Temperature Bank 2 Sensor 2, Intake Air Temperature Bank 2 Sensor 3
1	69	E8	Commanded EGR A Duty Cycle/Position, Actual EGR A Duty Cycle/Position, EGR A Error, Commanded EGR B Duty Cycle/Position, Actual EGR B Duty Cycle/Position, EGR B Error
1	6A	E8	Commanded Intake Air Flow A Control, Relative Intake Air Flow A Position, Commanded Intake Air Flow B Control, Relative Intake Air Flow B Position
1	6B	E8	Exhaust Gas Recirculation Temp Sensor A (Bank 1 Sensor 1), Exhaust Gas Recirculation Temp Sensor C (Bank 1 Sensor 2), Exhaust Gas Recirculation Temp Sensor B (Bank 2 Sensor 1), Exhaust Gas Recirculation Temp Sensor D (Bank 2 Sensor 2)
1	6D	E8	Commanded Fuel Rail Pressure A, Fuel Rail Pressure A, Fuel Rail Temperature A, Commanded Fuel Rail Pressure B, Fuel Rail Pressure B, Fuel Rail Temperature B
1	71	E8	Commanded Variable Geometry Turbo A Position, Variable Geometry Turbo A Position, VGT A Control Status, Commanded Variable Geometry Turbo B Position, Variable Geometry Turbo B Position, VGT A,B Control Status
1	72	E8	Commanded Wastegate A Position, Wastegate A Position, Commanded Wastegate B Position, Wastegate B Position
1	73	E8	Exhaust Pressure Sensor Bank 1, Exhaust Pressure Sensor Bank 2
1	77	E8	Charge Air Cooler Temperature Bank 1 Sensor 1, Charge Air Cooler Temperature Bank 1 Sensor 2, Charge Air Cooler Temperature Bank 2 Sensor 1, Charge Air Cooler Temperature Bank 2 Sensor 2
1	78	E8	Exhaust Gas Temperature Bank 1 Sensor 1, Exhaust Gas Temperature Bank 1 Sensor 2, Exhaust Gas Temperature Bank 1 Sensor 3, Exhaust Gas Temperature Bank 1 Sensor 4
1	7A	E8	Diesel Particulate Filter Bank 1 Delta Pressure, Diesel Particulate Filter Bank 1 Inlet Pressure, Diesel Particulate Filter Bank 1 Outlet Pressure
1	7D	E8	NOx NTE control area status
1	7E	E8	PM NTE control area status
1	7F	E8	Total Engine Run Time, Total Idle Run Time, Total Run Time With PTO Active
1	80	E8	PIDs supported 81-9F
1	81	E8	Total run time with EI-AECD #1 Timer 1 active, Total run time with EI-AECD #1 Timer 2 active, Total run time with EI-AECD #2 Timer 1 active, Total run time with EI-AECD #2 Timer 2 active, Total run time with EI-AECD #3 Timer 1 active, Total run time with EI-AECD #3 Timer 2 active, Total run time with EI-AECD #4 Timer 1 active, Total run time with EI-AECD #4 Timer 2 active, Total run time with EI-AECD #5 Timer 1 active, Total run time with EI-AECD #5 Timer 2 active
1	82	E8	Total run time with EI-AECD #6 Timer 1 active, Total run time with EI-AECD #6 Timer 2 active, Total run time with EI-AECD #7 Timer 1 active, Total run time with EI-AECD #7 Timer 2 active, Total run time with EI-AECD #8 Timer 1 active, Total run time with EI-AECD #8 Timer 2 active, Total run time with EI-AECD #9 Timer 1 active, Total run time with EI-AECD #9 Timer 2 active, Total run time with EI-AECD #10 Timer 1 active, Total run time with EI-AECD #10 Timer 2 active
1	83	E8	NOx Sensor Concentration Bank 1 Sensor 1, NOx Sensor Concentration Bank 1 Sensor 2, NOx Sensor Concentration Bank 2 Sensor 1, NOx Sensor Concentration Bank 2 Sensor 2
1	85	E8	Average Reagent Consumption, Average Demanded Reagent Consumption, Reagent Tank Level, Total run time by the engine while NOx warning mode is activated
1	87	E8	Intake Manifold Absolute Pressure A, Intake Manifold Absolute

Pressure B

1 89 E8 Total run time with EI-AECD #11 Timer 1 active, Total run time with EI-AECD #11 Timer 2 active, Total run time with EI-AECD #12 Timer 1 active, Total run time with EI-AECD #12 Timer 2 active, Total run time with EI-AECD #13 Timer 1 active, Total run time with EI-AECD #13 Timer 2 active, Total run time with EI-AECD #14 Timer 1 active, Total run time with EI-AECD #14 Timer 2 active, Total run time with EI-AECD #15 Timer 1 active, Total run time with EI-AECD #15 Timer 2 active

1 8A E8 Total run time with EI-AECD #16 Timer 1 active, Total run time with EI-AECD #16 Timer 2 active, Total run time with EI-AECD #17 Timer 1 active, Total run time with EI-AECD #17 Timer 2 active, Total run time with EI-AECD #18 Timer 1 active, Total run time with EI-AECD #18 Timer 2 active, Total run time with EI-AECD #19 Timer 1 active, Total run time with EI-AECD #19 Timer 2 active, Total run time with EI-AECD #20 Timer 1 active, Total run time with EI-AECD #20 Timer 2 active

1 8B E8 Diesel Aftertreatment Status, Normalized Trigger for DPF Regen, Average Time Between DPF Regens, Average Distance Between DPF Regens

Mode 2	Frame 0	*****	Current freeze frame data
2	00	E8 E9	PIDs supported 01-1F
2	01	E9	Monitor status since DTCs cleared
2	02	E8 E9	DTC that caused required freeze frame data storage
2	04	E8 E9	Calculated load value
2	05	E9	Engine coolant temperature
2	0C	E8 E9	Engine RPM
2	0D	E8 E9	Vehicle speed sensor
2	0F	E9	Intake air temperature
2	1F	E8 E9	Time since engine start
2	20	E8 E9	PIDs supported 21-3F
2	2F	E8	Fuel level input
2	30	E9	Number of warm-ups since DTCs cleared
2	31	E9	Distance traveled since DTCs cleared
2	33	E8 E9	Barometric pressure
2	40	E8 E9	PIDs supported 41-5F
2	42	E8 E9	Control module voltage
2	46	E8	Ambient air temperature
2	49	E8 E9	Accelerator pedal position D
2	4A	E8	Accelerator pedal position E
2	5C	E8	Engine oil temperature
2	5D	E8	Fuel injection timing
2	5E	E8	Engine fuel rate
2	60	E8	PIDs supported 61-7F
2	61	E8	Driver's demand engine - percent torque
2	62	E8	Actual engine - percent torque
2	63	E8	Engine reference torque
2	64	E8	Engine percent torque at idle point 1, Engine percent torque at point 2, Engine percent torque at point 3, Engine percent torque at point 4, Engine percent torque at point 5
2	65	E8	Auxiliary Inputs/Outputs Status
2	66	E8	Mass Air Flow Sensor A, Mass Air Flow Sensor B
2	67	E8	Engine Coolant Temperature 1, Engine Coolant Temperature 2
2	68	E8	Intake Air Temperature Bank 1 Sensor 1, Intake Air Temperature Bank 1 Sensor 2, Intake Air Temperature Bank 1 Sensor 3, Intake Air Temperature Bank 2 Sensor 1, Intake Air Temperature Bank 2 Sensor 2, Intake Air Temperature Bank 2 Sensor 3
2	69	E8	Commanded EGR A Duty Cycle/Position, Actual EGR A Duty Cycle/Position, EGR A Error, Commanded EGR B Duty Cycle/Position, Actual EGR B Duty Cycle/Position, EGR B Error
2	6A	E8	Commanded Intake Air Flow A Control, Relative Intake Air Flow A Position, Commanded Intake Air Flow B Control, Relative Intake Air Flow B Position
2	6B	E8	Exhaust Gas Recirculation Temp Sensor A (Bank 1 Sensor 1), Exhaust Gas Recirculation Temp Sensor C (Bank 1 Sensor 2), Exhaust Gas Recirculation Temp Sensor B (Bank 2 Sensor 1), Exhaust Gas Recirculation Temp Sensor D (Bank 2 Sensor 2)
2	6D	E8	Commanded Fuel Rail Pressure A, Fuel Rail Pressure A, Fuel Rail

Temperature A, Commanded Fuel Rail Pressure B, Fuel Rail Pressure B, Fuel Rail Temperature B			
2	71	E8	Commanded Variable Geometry Turbo A Position, Variable Geometry Turbo A Position, VGT A Control Status, Commanded Variable Geometry Turbo B Position, Variable Geometry Turbo B Position, VGT A,B Control Status
2	72	E8	Commanded Wastegate A Position, Wastegate A Position, Commanded Wastegate B Position, Wastegate B Position
2	73	E8	Exhaust Pressure Sensor Bank 1, Exhaust Pressure Sensor Bank 2
2	77	E8	Charge Air Cooler Temperature Bank 1 Sensor 1, Charge Air Cooler Temperature Bank 1 Sensor 2, Charge Air Cooler Temperature Bank 2 Sensor 1, Charge Air Cooler Temperature Bank 2 Sensor 2
2	78	E8	Exhaust Gas Temperature Bank 1 Sensor 1, Exhaust Gas Temperature Bank 1 Sensor 2, Exhaust Gas Temperature Bank 1 Sensor 3, Exhaust Gas Temperature Bank 1 Sensor 4
2	7A	E8	Diesel Particulate Filter Bank 1 Delta Pressure, Diesel Particulate Filter Bank 1 Inlet Pressure, Diesel Particulate Filter Bank 1 Outlet Pressure
2	7F	E8	Total Engine Run Time, Total Idle Run Time, Total Run Time With PTO Active
2	80	E8	PIDs supported 81-9F
2	85	E8	Average Reagent Consumption, Average Demanded Reagent Consumption, Reagent Tank Level, Total run time by the engine while NOx warning mode is activated
2	87	E8	Intake Manifold Absolute Pressure A, Intake Manifold Absolute Pressure B
2	8B	E8	Diesel Aftertreatment Status, Normalized Trigger for DPF Regen, Average Time Between DPF Regens, Average Distance Between DPF Regens
Mode 3	*****	*****	Emission-related diagnostic trouble codes
Mode 4	*****	*****	Clear/reset emission-related diagnostic information
Mode 6	*****	*****	Monitoring test results for specific monitored systems
6	00	E8	MIDs supported 01-1F
6	01	E8	Exhaust Gas Sensor Monitor Bank 1 - Sensor 1
6	20	E8	MIDs supported 21-3F
6	21	E8	Catalyst Monitor Bank 1
6	34	E8	EGR Monitor Bank 4
6	40	E8	MIDs supported 41-5F
6	60	E8	MIDs supported 61-7F
6	80	E8	MIDs supported 81-9F
6	81	E8	Fuel System Monitor Bank 1
6	82	E8	Fuel System Monitor Bank 2
6	85	E8	Boost Pressure Control Monitor Bank 1
6	98	E8	NOx/SCR Catalyst Monitor Bank 1
6	A0	E8	MIDs supported A1-BF
6	A2	E8	Misfire Cylinder 1 Data
6	A3	E8	Misfire Cylinder 2 Data
6	A4	E8	Misfire Cylinder 3 Data
6	A5	E8	Misfire Cylinder 4 Data
6	A6	E8	Misfire Cylinder 5 Data
6	A7	E8	Misfire Cylinder 6 Data
6	A8	E8	Misfire Cylinder 7 Data
6	A9	E8	Misfire Cylinder 8 Data
6	B2	E8	PM Filter Monitor Bank 1
Mode 7	*****	*****	Emission-related diagnostic trouble codes detected during current or last completed driving cycle
Mode 9	*****	*****	Vehicle information
9	00	E8 E9	Supported INFOTYPEs 01-1F
9	02	E8	Vehicle Identification Number(VIN)
9	04	E8 E9	Calibration Identification (CALID)
9	06	E8 E9	Calibration Verification Numbers (CVN)
9	0A	E8 E9	ECU Name

9 0B E8 In-use Performance Tracking

Mode A ***** ***** Emission-related diagnostic trouble codes with permanent status

Scan-Tool Mode 1 - Current powertrain diagnostic data

E8 ECM-EngineControl

PID 01	0000 0000		MIL off, 0 fault code entries
	0000 1111		
	1110 1011		
	0000 0000		Monitor status since DTCs cleared
			Misfire monitoring supported and complete
			Fuel system monitoring supported and complete
			Comprehensive component monitoring supported and complete
			NMHC catalyst monitoring supported and complete
			NOx/SCR aftertreatment monitoring supported and complete
			Boost pressure system monitoring supported and complete
			Exhaust gas sensor monitoring supported and complete
			PM filter monitoring supported and complete
			EGR and/or VVT system monitoring supported and complete
PID 04	0.0	%	Calculated load value
PID 0C	0	1/min	Engine RPM
PID 0D	0	km/h	Vehicle speed sensor
PID 13	0000 0001		Location of oxygen sensors
			Bank 1 Sensor 1
PID 1C	3		OBD requirements to which vehicle or engine is certified (OBD and OBD II)
PID 1F	0	s	Time since engine start
PID 21	0	km	Distance traveled while MIL is activated
PID 24	1.000	Lambda	Equivalence ratio Bank 1 Sensor 1
	0.000	V	Oxygen sensor voltage Bank 1 Sensor 1
PID 2F	22.0	%	Fuel level input
PID 30	35	dec	Number of warm-ups since DTCs cleared
PID 31	1053	km	Distance traveled since DTCs cleared
PID 33	99	kPa	Barometric pressure
PID 41	0000 0000		
	0111 1000		
	1110 0000		
	1110 0011		Monitor status this driving cycle
			Misfire monitoring disabled
			Fuel system monitoring disabled
			Comprehensive component monitoring disabled
			NMHC catalyst monitoring disabled
			NOx/SCR aftertreatment monitoring disabled
			Boost pressure system monitoring disabled and complete
			Exhaust gas sensor monitoring enabled
			PM filter monitoring enabled
			EGR and/or VVT system monitoring enabled
PID 42	12.260	V	Control module voltage
PID 46	24	°C	Ambient air temperature
PID 49	15.3	%	Accelerator pedal position D
PID 4A	7.5	%	Accelerator pedal position E
PID 51	4		Type of fuel currently being utilized by the internal combustion engine Diesel
PID 5C	74	°C	Engine oil temperature
PID 5D	0.00	°	Fuel injection timing
PID 5E	0.00	L/h	Engine fuel rate
PID 61	0	%	Driver's demand engine - percent torque
PID 62	0	%	Actual engine - percent torque
PID 63	999	Nm	Engine reference torque

PID 64	34	%	Engine percent torque at idle point 1
	34	%	Engine percent torque at point 2
	34	%	Engine percent torque at point 3
	34	%	Engine percent torque at point 4
	34	%	Engine percent torque at point 5
PID 65	0000	0000	Auxiliary Inputs/Outputs Status
			Power Take Off not active (OFF)
			Auto Trans in Park/Neutral
			Glow Plug Lamp OFF
PID 66	0.22	g/s	Mass Air Flow Sensor A
PID 67	81	°C	Engine Coolant Temperature 1
	81	°C	Engine Coolant Temperature 2
PID 68	54	°C	Intake Air Temperature Bank 1 Sensor 1
PID 69	4.7	%	Commanded EGR A Duty Cycle/Position
	0.0	%	Actual EGR A Duty Cycle/Position
	-100.0	%	EGR A Error
PID 6A	0.0	%	Commanded Intake Air Flow A Control
	0.4	%	Relative Intake Air Flow A Position
PID 6B	75	°C	Exhaust Gas Recirculation Temp Sensor A (Bank 1 Sensor 1)
	81	°C	Exhaust Gas Recirculation Temp Sensor C (Bank 1 Sensor 2)
PID 6D	30000	kPa	Commanded Fuel Rail Pressure A
	2570	kPa	Fuel Rail Pressure A
PID 71	8.2	%	Commanded Variable Geometry Turbo A Position
	0.0	%	Variable Geometry Turbo A Position
	0000	0001	VGT A,B Control Status
PID 72	73.7	%	Commanded Wastegate A Position
	0.0	%	Wastegate A Position
PID 73	98.90	kPa	Exhaust Pressure Sensor Bank 1
PID 77	53	°C	Charge Air Cooler Temperature Bank 1 Sensor 1
	53	°C	Charge Air Cooler Temperature Bank 1 Sensor 2
PID 78	51.2	°C	Exhaust Gas Temperature Bank 1 Sensor 1
	102.0	°C	Exhaust Gas Temperature Bank 1 Sensor 2
	135.0	°C	Exhaust Gas Temperature Bank 1 Sensor 3
	93.4	°C	Exhaust Gas Temperature Bank 1 Sensor 4
PID 7A	0.00	kPa	Diesel Particulate Filter Bank 1 Inlet Pressure
PID 7D	0000	0010	NOx NTE control area status
			outside control area
PID 7E	0000	0010	PM NTE control area status
			outside control area
PID 7F	33 hrs 9 min 15 s		Total Engine Run Time
	9 hrs 1 min 2 s		Total Idle Run Time
	0 min 0 s		Total Run Time With PTO Active
PID 81	0 min 0 s		Total run time with EI-AECD #1 Timer 1 active
	0 min 2 s		Total run time with EI-AECD #1 Timer 2 active
	0 min 0 s		Total run time with EI-AECD #2 Timer 1 active
	47 min 52 s		Total run time with EI-AECD #2 Timer 2 active
	7 hrs 30 min 0 s		Total run time with EI-AECD #3 Timer 1 active
	1 hrs 44 min 36 s		Total run time with EI-AECD #3 Timer 2 active
	0 min 0 s		Total run time with EI-AECD #4 Timer 1 active
	0 min 0 s		Total run time with EI-AECD #4 Timer 2 active
	54 min 6 s		Total run time with EI-AECD #5 Timer 1 active
	0 min 0 s		Total run time with EI-AECD #5 Timer 2 active
PID 82	0 min 2 s		Total run time with EI-AECD #6 Timer 1 active
	0 min 0 s		Total run time with EI-AECD #6 Timer 2 active
	0 min 0 s		Total run time with EI-AECD #7 Timer 1 active
	0 min 0 s		Total run time with EI-AECD #7 Timer 2 active
	0 min 0 s		Total run time with EI-AECD #8 Timer 1 active
	0 min 0 s		Total run time with EI-AECD #8 Timer 2 active
	0 min 0 s		Total run time with EI-AECD #9 Timer 1 active
	0 min 0 s		Total run time with EI-AECD #9 Timer 2 active
	0 min 0 s		Total run time with EI-AECD #10 Timer 1 active

	0 min 0 s	Total run time with EI-AECD #10 Timer 2 active
PID 83	0 ppm	NOx Sensor Concentration Bank 1 Sensor 1
	0 ppm	NOx Sensor Concentration Bank 1 Sensor 2
PID 85	0.000 L/h	Average Reagent Consumption
	0.000 L/h	Average Demanded Reagent Consumption
	100.0 %	(Value = FF) Reagent Tank Level
	0 min 0 s	Total run time by the engine while NOx warning mode is activated
PID 87	96.59 kPa	Intake Manifold Absolute Pressure A
PID 89	0 min 0 s	Total run time with EI-AECD #11 Timer 1 active
	0 min 0 s	Total run time with EI-AECD #11 Timer 2 active
	0 min 0 s	Total run time with EI-AECD #12 Timer 1 active
	0 min 0 s	Total run time with EI-AECD #12 Timer 2 active
	0 min 0 s	Total run time with EI-AECD #13 Timer 1 active
	0 min 0 s	Total run time with EI-AECD #13 Timer 2 active
	0 min 0 s	Total run time with EI-AECD #14 Timer 1 active
	0 min 0 s	Total run time with EI-AECD #14 Timer 2 active
	0 min 7 s	Total run time with EI-AECD #15 Timer 1 active
	0 min 2 s	Total run time with EI-AECD #15 Timer 2 active
PID 8A	0 min 0 s	Total run time with EI-AECD #16 Timer 1 active
	1193046 hrs 28 min 15 s	Total run time with EI-AECD #16 Timer 2 active
PID 8B	0000 0010	Diesel Aftertreatment Status
		DPF Regen not in progress
		Active DPF Regen
	854 km	Average Distance Between DPF Regens

E9 TCM-TransmisCtrl

PID 01	0000 0000	MIL off, 0 fault code entries
	0000 0100	
	0000 0000	
	0000 0000	Monitor status since DTCs cleared
		Misfire monitoring not supported
		Fuel system monitoring not supported
		Comprehensive component monitoring supported and complete
		Catalyst monitoring not supported
		Heated catalyst monitoring not supported
		Evaporative system monitoring not supported
		Secondary air system monitoring not supported
		Oxygen sensor monitoring not supported
		Oxygen sensor heater monitoring not supported
		EGR and/or VVT system monitoring not supported
PID 04	0.0 %	Calculated load value
PID 05	82 °C	Engine coolant temperature
PID 0C	0 1/min	Engine RPM
PID 0D	0 km/h	Vehicle speed sensor
PID 0F	54 °C	Intake air temperature
PID 1C	3	OBD requirements to which vehicle or engine is certified (OBD and OBD II)
PID 1F	0 s	Time since engine start
PID 21	0 km	Distance traveled while MIL is activated
PID 30	32 dec	Number of warm-ups since DTCs cleared
PID 31	1058 km	Distance traveled since DTCs cleared
PID 33	99 kPa	Barometric pressure
PID 42	11.990 V	Control module voltage
PID 49	0.0 %	Accelerator pedal position D

Scan-Tool Mode 2 - Current freeze frame data

E8 ECM-EngineControl

No fault code entry

E9 TCM-TransmisCtrl

No fault code entry

Scan-Tool Mode 3 - Emission-related diagnostic trouble codes

E8 ECM-EngineControl

MIL off

0 fault code entries

No fault code entry

E9 TCM-TransmisCtrl

MIL off

0 fault code entries

No fault code entry

Scan-Tool Mode 6 - Monitoring test results for specific monitored systems

E8 ECM-EngineControl

Monitor ID	Test ID	Unit ID	Test value	Min value	Max value	Unit	Comment
01	90	11	3.1	0.0	6.0	s	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	91	11	1.0	0.0	5.0	s	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	92	11	4.1	0.0	11.0	s	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	93	30	7.170204	0.000000	11.300815	%	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	94	30	9.677258	2.258332	16.357648	%	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	95	30	19.568142	14.097790	25.496263	%	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	96	83	1.06	0.90	1.22		Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	97	81	9	1	100		Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	98	B0	-2.291827	-10.000421	0.000000	%	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
01	99	B0	0.000000	0.000000	19.997790	%	Exhaust Gas Sensor
Monitor Bank 1 - Sensor 1							
21	90	B0	99.988951	39.995580	99.988951	%	Catalyst Monitor
Bank 1							
34	90	AF	2.94	-327.68	23.91	%	EGR Monitor Bank 4
34	91	AF	2.94	-10.22	327.67	%	EGR Monitor Bank 4

34	92	96	93.1	-3276.8	174.5	°C	EGR Monitor Bank 4
34	93	96	132.3	67.1	3276.7	°C	EGR Monitor Bank 4
81	91	3C	546.4	294.0	664.0	µs	Fuel System
Monitor Bank 1							
81	92	3C	530.4	294.0	664.0	µs	Fuel System
Monitor Bank 1							
81	93	3C	517.6	294.0	664.0	µs	Fuel System
Monitor Bank 1							
81	94	3C	534.8	294.0	664.0	µs	Fuel System
Monitor Bank 1							
82	95	3C	523.6	294.0	664.0	µs	Fuel System
Monitor Bank 2							
82	96	3C	506.8	294.0	664.0	µs	Fuel System
Monitor Bank 2							
82	97	3C	522.0	294.0	664.0	µs	Fuel System
Monitor Bank 2							
82	98	3C	524.4	294.0	664.0	µs	Fuel System
Monitor Bank 2							
85	90	17	2.18	2.01	655.35	kPa	Boost Pressure
Control Monitor Bank 1							
85	92	FC	-5.70	-15.00	327.67	kPa	Boost Pressure
Control Monitor Bank 1							
85	93	AF	-5.93	-327.68	17.20	%	Boost Pressure
Control Monitor Bank 1							
85	94	17	2.17	2.00	655.35	kPa	Boost Pressure
Control Monitor Bank 1							
85	96	96	16.1	-5.0	3003.6	°C	Boost Pressure
Control Monitor Bank 1							
98	90	B0	96.735838	34.996896	99.995054	%	NOx/SCR Catalyst
Monitor Bank 1							
A2	0B	24	0	0	65535	counts	Misfire Cylinder 1
Data							
A2	0C	24	0	0	65535	counts	Misfire Cylinder 1
Data							
A3	0B	24	0	0	65535	counts	Misfire Cylinder 2
Data							
A3	0C	24	0	0	65535	counts	Misfire Cylinder 2
Data							
A4	0B	24	0	0	65535	counts	Misfire Cylinder 3
Data							
A4	0C	24	0	0	65535	counts	Misfire Cylinder 3
Data							
A5	0B	24	0	0	65535	counts	Misfire Cylinder 4
Data							
A5	0C	24	0	0	65535	counts	Misfire Cylinder 4
Data							
A6	0C	24	0	0	65535	counts	Misfire Cylinder 5
Data							
A6	0B	24	0	0	65535	counts	Misfire Cylinder 5
Data							
A7	0C	24	0	0	65535	counts	Misfire Cylinder 6
Data							
A7	0C	24	0	0	65535	counts	Misfire Cylinder 6
Data							
A8	0B	24	0	0	65535	counts	Misfire Cylinder 7
Data							
A8	0C	24	0	0	65535	counts	Misfire Cylinder 7
Data							
A9	0B	24	0	0	65535	counts	Misfire Cylinder 8
Data							
A9	0C	24	0	0	65535	counts	Misfire Cylinder 8

Data							
B2	90	20	46.3203125	10.0000000	100.0000000		PM Filter Monitor
Bank 1							

E9 TCM-TransmisCtrl

Monitor ID	Test ID	Unit ID	Test value	Min value	Max value	Unit	Comment
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Scan-Tool Mode 7 - Emission-related diagnostic trouble codes detected during current or last completed driving cycle

E8 ECM-EngineControl

No fault code entry

E9 TCM-TransmisCtrl

No fault code entry

Scan-Tool Mode 9 - Vehicle information

E8 ECM-EngineControl

INFOTYPE 02	Vehicle Identification Number(VIN)		
	1FT7W2BT9BEA15523		
INFOTYPE 04	Calibration Identification (CALID)		
	DDBZ2A6.H32	BC3A-14D609-CA	BC3A-14F553-BC
INFOTYPE 06	Calibration Verification Numbers (CVN)		
	E4 78 EA 0A	D8 74 56 60	00 00 76 F8
INFOTYPE 0A	ECU Name		
	ECM-EngineControl		
INFOTYPE 0B	In-use Performance Tracking		
	OBDCOND 49	General Denominator, OBD Monitoring Conditions Encountered Counts	
	IGNCNTR 137	Ignition Cycle Counter	
HCCATCOMP	3	Numerator, NMHC Catalyst Monitor Completion Condition Counts	
HCCATCOND	1	Denominator, NMHC Catalyst Monitor Conditions Encountered Counts	
	3.000	- Calculated Ratio -	
NCATCOMP	10	Numerator, NOx Catalyst Monitor Completion Condition Counts	
NCATCOND	49	Denominator, NOx Catalyst Monitor Conditions Encountered Counts	
	0.204	- Calculated Ratio -	
NADSCOMP	0	Numerator, NOx Adsorber Monitor Completion Condition Counts	
NADSCOND	0	Denominator, NOx Adsorber Monitor Conditions Encountered Counts	

		7.995	- Calculated Ratio -
PMCOMP	44	Numerator, PM Filter Monitor Completion Condition Counts	
PMCOND	1	Denominator, PM Filter Monitor Conditions Encountered Counts	
		7.995	- Calculated Ratio -
EGSCOMP	13	Numerator, Exhaust Gas Sensor Monitor Completion Condition Counts	
EGSCOND	49	Denominator, Exhaust Gas Sensor Monitor Conditions Encountered Counts	
		0.265	- Calculated Ratio -
EGRCOMP	61	Numerator, EGR/VVT Monitor Completion Condition Counts	
EGRCOND	49	Denominator, EGR/VVT Monitor Conditions Encountered Counts	
		1.245	- Calculated Ratio -
BPCOMP	72	Numerator, Boost Pressure Monitor Completion Condition Counts	
BPCOND	49	Denominator, Boost Pressure Monitor Conditions Encountered Counts	
		1.469	- Calculated Ratio -
FUELCOMP	14	Numerator, Fuel Monitor Completion Condition Counts	
FUELCOND	49	Denominator, Fuel Monitor Conditions Encountered Counts	
		0.286	- Calculated Ratio -

E9 TCM-TransmisCtrl

INFOTYPE 04	Calibration Identification (CALID)
	TVDD0FD.H32
INFOTYPE 06	Calibration Verification Numbers (CVN)
	8D 12 F7 36
INFOTYPE 0A	ECU Name
	TCM-TransmisCtrl

Scan-Tool Mode A - Emission-related diagnostic trouble codes with permanent status

E8 ECM-EngineControl

No fault code entry

E9 TCM-TransmisCtrl

No fault code entry